

## Claims

Having set forth the nature of the present invention, what is claimed is:

- 1 1. A system for efficiently accessing affiliated address sites, comprising:
  - 2 a. an input-output subsystem for receiving affiliated address data from a
  - 3 network gateway;
  - 4 b. a subject processor operatively connected to said input-output subsystem for
  - 5 initial processing of said received affiliated address data;
  - 6 c. a network address sub-processor operatively connected to said subject
  - 7 processor for classifying processed affiliated address data; and,
  - 8 d. at least one memory subsystem operatively connected to said subject
  - 9 processor and said network address sub-processor for holding an affiliated
  - 10 address control program that executes processing routines for said system.

- 1 2. A system as recited in claim 1, further comprising an array referrer operatively
- 2 connected to said subject processor.

- 1 3. A system as recited in claim 1, further comprising an output device operatively
- 2 connected to said input-output subsystem for communicating processed affiliated address
- 3 data and system mode status information to a user.

- 1 4. A system as recited in claim 1, wherein said subject processor and said network
- 2 address sub-processor comprise a single processing subsection and wherein said memory
- 3 subsystem resides within said processing subsection.

1           5. A system as recited in claim 4, wherein memory subsystem includes means for  
2     instructing said processing subsection to find a Fourier frequency in said affiliated address  
3     input data.

1           6. A system as recited in claim 5, wherein memory subsystem includes means for  
2     training said processing subsection through user navigation actions.

1           7. A system as recited in claim 5, further including means for detecting abnormal  
2     affiliated address configurations.

1           8. A system as recited in claim 7, wherein said detection means comprises a fuzzy  
2     transform algorithm.

1           9. A system as recited in claim 2, further comprising a genetic algorithm executed  
2     by said address sub-processor for assigning node address values to data held by said array  
3     referrer.

1           10. A system as recited in claim 4, wherein said processing subsection is  
2     implemented in computer readable program code means.

1           11. A system as recited in claim 1, wherein said system is a portable wireless  
2     device in wireless communication with said gateway.

1           12. A system as recited in claim 2, wherein said system further comprises a display  
2       device for communicating affiliated address information to a user.

1           13. A system for efficiently accessing affiliated address sites, comprising:  
2           a.       means for receiving affiliated address input data from a gateway;  
3           b.       means for communicating affiliated address information processed by said  
4               system to a user;  
5           c.       means operatively connected to said receiving means for initially processing  
6               said received affiliated address data;  
7           d.       means operatively connected to said initial processing means for classifying  
8               said processed affiliated address data; and,  
9           e.       means operatively connected to said initial processing means and said  
10            classifying means for holding processing instructions for said system.

1           14. A system as recited in claim 13, wherein said classifying means comprises a  
2       network address sub-processor.

1           15. A system as recited in claim 13, wherein said receiving means comprise an  
2       input-output subsystem.

1           16. A system as recited in claim 13, further including means operatively connected  
2       to said initial processing means for recording historical navigation results.

1           17. A system as recited in claim 16, wherein said recording means comprises an  
2 array referrer.

1           18. A system as recited in claim 17, wherein said initial processing means executes  
2 a Fourier transform function to generate remote address locators for said input data.

1           19. A system as recited in claim 18, wherein said initial processing means and said  
2 classifying means are implemented in programmable firmware.

1           20. A system as recited in claim 13, wherein said receiving means includes means  
2 for wirelessly communicating to a network gateway.

1           21. A system as recited in claim 20, further including means for assigning node  
2 address values to said classifying means, and wherein node assigning means comprises a  
3 genetic algorithm executed by said classifying means.

1           22. A method for efficiently accessing affiliated address sites, comprising the steps  
2 of:

- 3           a.     receiving affiliated address site data;
- 4           b.     generating locator data associated with said received affiliated address site  
5 data;
- 6           c.     analyzing said locator data and producing a set of sample values;

- 7 d. classifying said sample values in accordance with pre-established  
8 classification rules; and,  
9 e. communicating classified affiliated address site data to a user.

1 23. The method as recited in claim 22, further including the step of implementing a  
2 control interface analysis before said analyzing step.

1 24. The method as recited in claim 23, wherein said analyzing step comprises  
2 applying a Fourier transform to said locator data.

1 25. The method as recited in claim 24, further including the step of normalizing  
2 said sample values after said step of applying a fast Fourier transform to said locator data.

1 26. The method as recited in claim 25, further including the step of scaling said  
2 sample values prior to said classification step.

1 27. The method as recited in claim 24, wherein said receiving step comprises  
2 receiving said data from a wireless gateway.

1 28. The method as recited in claim 27, wherein said step of applying a Fourier  
2 transform to said locator data comprises applying a Tukey Fourier transform.

1           29. A method for top level procedural user interfacing in a system for efficiently  
2       accessing affiliated address sites, comprising the steps of:

- 3           a.     loading selected user options;
- 4           b.     monitoring a data input device for received affiliated address data;
- 5           c.     receiving said affiliated address data;
- 6           d.     applying appropriate affiliated address processing functions to said  
7                 affiliated address data;
- 8           e.     generating a list of affiliated address sites to a user.

1           30. A method as recited in claim 29, further including while monitoring for  
2       received input data the steps of:

- 3           a.     updating a mode status flag;
- 4           b.     conducting a battery test; and,
- 5           c.     updating clock and data timers.

1           31. A method as recited in claim 29, wherein said step of applying appropriate  
2       affiliated address processing functions to said affiliated address data includes the step of  
3       determining an applicable system operating mode.

1           32. A method as recited in claim 29, wherein said method is performed iteratively  
2       to provide a continuous interface to a user.